

IN THE CLAIMS:

Please cancel Claims 1-52.

Please add Claims 53-71 as follows:

10P  
sub B2  
53. A method of inhibiting mutagenesis in an organism, which method comprises administering to the organism, an effective anti-mutagenic amount of an extract from Aristolochia taliscana or one or more anti-mutagenically active compounds isolable therefrom.

102  
@ cont'd.  
54. A method of treating a disease state mediated by mutagenesis, which method comprises administering to a patient suffering from said disease state an effective antimutagenic treatment amount of an extract from an Aristolochia species or one or more antimutagenic compounds isolable therefrom.

10P  
55. A method of treating a chronic inflammatory disease in a patient, which method comprises administering to the patient an effective anti-inflammatory amount of an extract from Aristolochia taliscana or one or more component compounds isolable therefrom.

FOA

56. A method according to Claim 55 wherein the chronic inflammatory disease is selected from the group consisting of inflammatory bowel disease, rheumatoid arthritis, synovitis and psoriasis.

sub B3

57. A method of inhibiting fungal growth in a substrate, which method comprises administering to the substrate an effective anti-fungal amount of an extract from Aristolochia taliscana or one or more antifungally active compounds isolable therefrom.

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58. A method according to Claim 57 wherein the substrate is selected from the group consisting of plants and animals.

FOA

59. A method according to Claim 53 wherein the extract contains at least 10% by weight of a eupomatenoid.

FOA

60. A method according to Claim 59 wherein the extract contains eupomatenoid-7.

61. A method according to Claim 55 wherein the extract contains at least 10% by weight of a eupomatenoid.

62. A method according to Claim 61 wherein the extract contains eupomatenoid-7.

63. A method according to Claim 57 wherein the extract contains at least 10% by weight of a eupomatenoid.

a/ 64. A method according to Claim 63 wherein the extract contains eupomatenoid-7.

65. A composition comprising an extract from Aristolochia taliscana, wherein the extract has been prepared by extraction of plant material from the Aristolochia species with an organic solvent and contains at least 10% by weight of a eupomatenoid.

sub B4 66. A composition according to Claim 65 wherein the extract contains at least 20% of a eupomatenoid.

67. A composition according to Claim 65 wherein the extract contains at least 25% of a eupomatenoid.

sub  
B5  
68. A composition comprising an extract from *Aristolochia taliscana* wherein the extract has been prepared by extraction of plant material from the *Aristolochia* species with an organic solvent, wherein the extract contains at least 25% by weight of a phenolic eupomatenoid compound, at least 8% of Licarin-A and at least 8% by weight of a non-phenolic eupomatenoid compound.

A Conc'd - 69. A composition according to Claim 68 wherein the phenolic eupomatenoid compound is eupomatenoid-7.

70. A composition according to Claim 68 wherein the non-phenolic eupomatenoid compound is eupomatenoid-8.

71. A composition according to Claim 68 wherein the extract contains an arisolactam.

add c5